

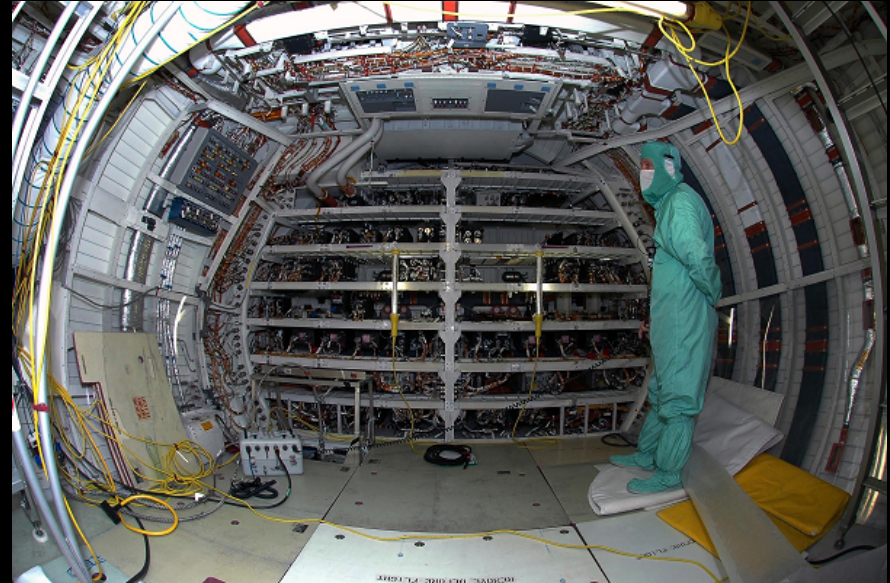
# Shuttle Repair Tools Automate Vehicle Maintenance

***Kennedy Space Flight Center***

***Diversified Industries (DI) CS&I Inc.  
Orlando, FL***

## **NASA Technology**

- ◆ Keeping up with the paperwork required for maintaining and repairing a space shuttle proved cumbersome for engineers and technicians.
- ◆ A NASA contractor devised the System Maintenance Automated Repairs Tasks (SMART) software program that streamlines the process, saving time.



## **Technology Transfer**

- ◆ The contractor who designed SMART received a license from NASA to commercialize the technology and founded Diversified Industries CS&I Inc.
- ◆ Commercial aircraft, aerospace vehicles, and ships benefit greatly from SMART's ability to manage repairs by accessing a robust data set of accepted procedures, thereby ensuring greater safety outcomes.

## **Benefits**

- ◆ The software cuts repair disposition time by 45 percent.
- ◆ Time and paperwork savings make engineers' lives easier while cutting down on costs.
- ◆ Former NASA engineers now work at Diversified Industries Inc. because of their expertise with the software.